

| | |
|--|-------------|
| 1 ATG AAC ACC ACA CTG ATG CAA GGC TTC AAC AGA TCT GAG GGG TGC 1 M N T T M Q G F N R S E C | 45 15 |
| 46 CCC AGA GAC ACT CGG ATA GTA CAG CTG GTA TTC CCA GCC CTC TAC 16 P R D T R I V Q L V F P A L Y | 90 30 |
| 91 ACA GTG GTT TTC TTG ACC GGC ATC CTG CTG AAT ACT TTG GCT CTG 31 T V V F L T G I L L N T L A L | 135 45 |
| 136 TGG GTG TTT GTT CAC ATC CCC AGC TCC TCC ACC TTC ATC ATC TAC 46 W V F V H I P S S S T F I I Y | 180 60 |
| 181 CTC AAA AAC ACT TTG GTG GCC GAC TTG ATA ATG ACA CTC ATG CTT 61 L K N T L V A D L I M T L M L | 225 75 |
| 226 CCT TTC AAA ATC CTC TCT GAC TCA CAC CTG GCA CCC TGG CAG CTC 76 P F K I L S D S H L A P W Q L | 270 90 |
| 271 AGA GCT TTT GTG TGT CGT TTT TCT TCG GTG ATA TTT TAT GAG ACC 91 R A F V C R F S S V I F Y E T | 315 105 |
| 316 ATG TAT GTG GGC ATC GTG CTG TTA GGG CTC ATA GCC TTT GAC AGA 106 M Y V G I V L L G L I A F D R | 360 120 |
| 361 TTC CTC AAG ATC ATC AGA CCT TTG AGA AAT ATT TTT CTA AAA AAA 121 F L K I I R P L R N I F L K K | 405 135 |
| 406 CCT GTT TTT GCA AAA ACG GTC TCA ATC TTC ATC TGG TTC TTT TTG 136 P V F A K T V S I F I W F F L | 450 150 |
| 451 TTC TTC ATC TCC CTG CCA AAT ATG ATC TTG AGC AAC AAG GAA GCA 151 F F I S L P N M I L S N K E A | 495 165 |
| 496 ACA CCA TCG TCT GTG AAA AAG TGT GCT TCC TTA AAG GGG CCT CTG 166 T P S S V K K C A S L K G P L | 540 180 |
| 541 GGG CTG AAA TGG CAT CAA ATG GTA AAT AAC ATA TGC CAG TTT ATT 181 G L K W H Q M V N N I C Q F I | 585 195 |
| 586 TTC TGG ACT GTT TTT ATC CTA ATG CTT GTG TTT TAT GTG GTT ATT 196 F W T V F I L M L V F Y V V I | 630 210 |
| 631 GCA AAA AAA GTA TAT GAT TCT TAT AGA AAG TCC AAA AGT AAG GAC 211 A K K V Y D S Y R K S K S K D | 675 225 |
| 676 AGA AAA AAC AAC AAA AAG CTG GAA GGC AAA GTA TTT GTT GTC GTG 226 R K N N K K L E G K V F V V V | 720 240 |
| 721 GCT GTC TTC TTT GTG TGT TTT GCT CCA TTT CAT TTT GCC AGA GTT 241 A V F F V C F A P F H F A R V | 765 255 |
| 766 CCA TAT ACT CAC AGT CAA ACC AAC AAT AAG ACT GAC TGT AGA CTG 256 P Y T H S Q T N N K T D C R L | 810 270 |
| 811 CAA AAT CAA CTG TTT ATT GCT AAA GAA ACA ACT CTC TTT TTG GCA 271 Q N Q L F I A K E T T L F L A | 855 285 |
| 856 GCA ACT AAC ATT TGT ATG GAT CCC TTA ATA TAC ATA TTC TTA TGT 286 A T N I C M D P L I Y I F L C | 900 300 |
| 901 AAA AAA TTC ACA GAA AAG CTA CCA TGT ATG CAA GGG AGA AAG ACC 301 K K F T E K L P C M Q G R K T | 945 315 |
| 946 ACA GCA TCA AGC CAA GAA AAT CAT AGC AGT CAG ACA GAC AAC ATA 316 T A S S Q E N H S S Q T D N I | 990 330 |
| 991 ACC TTA GGC TGA 331 T L G * | 1002 334 |

Figure 1

Figure 2

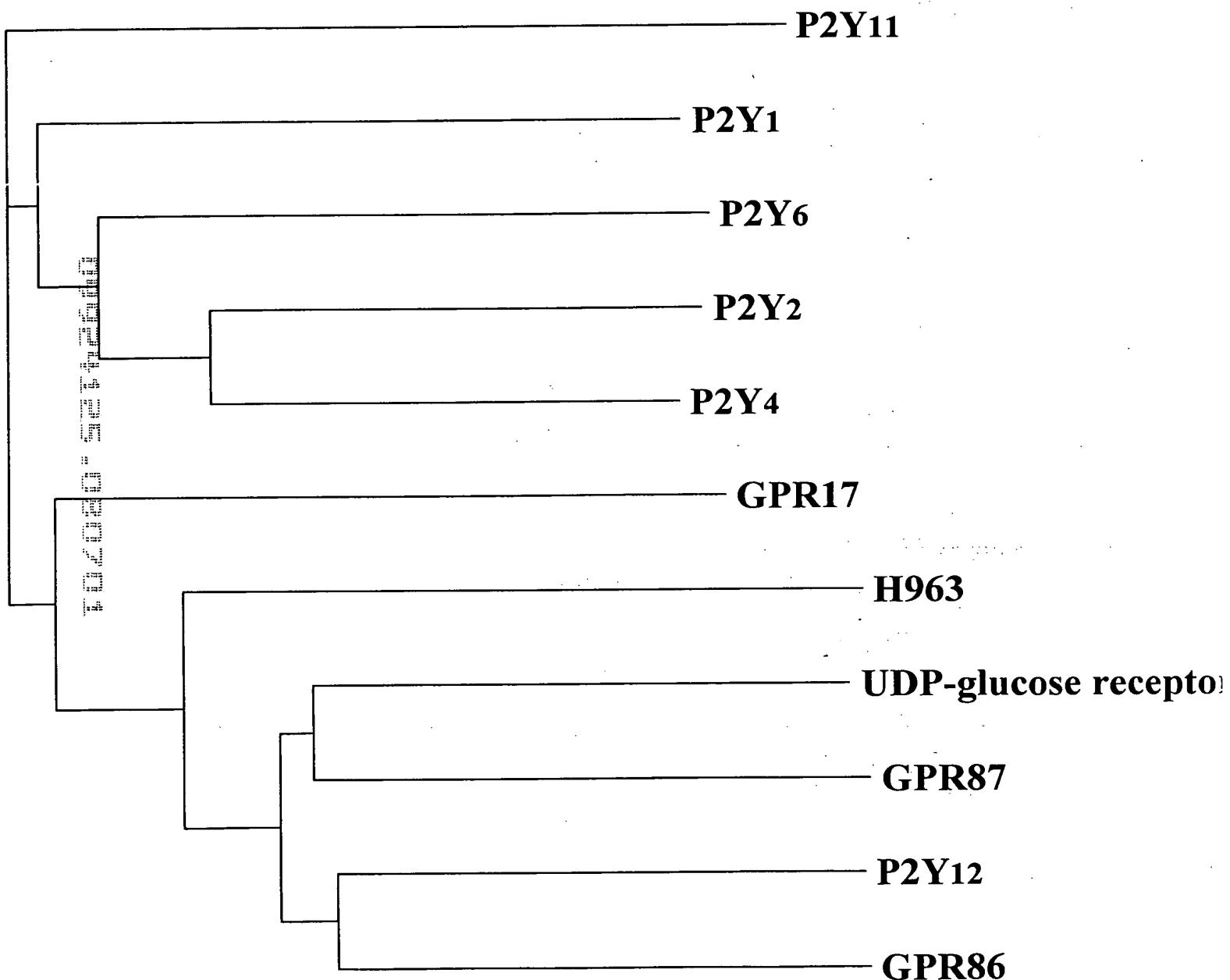


Figure 3A

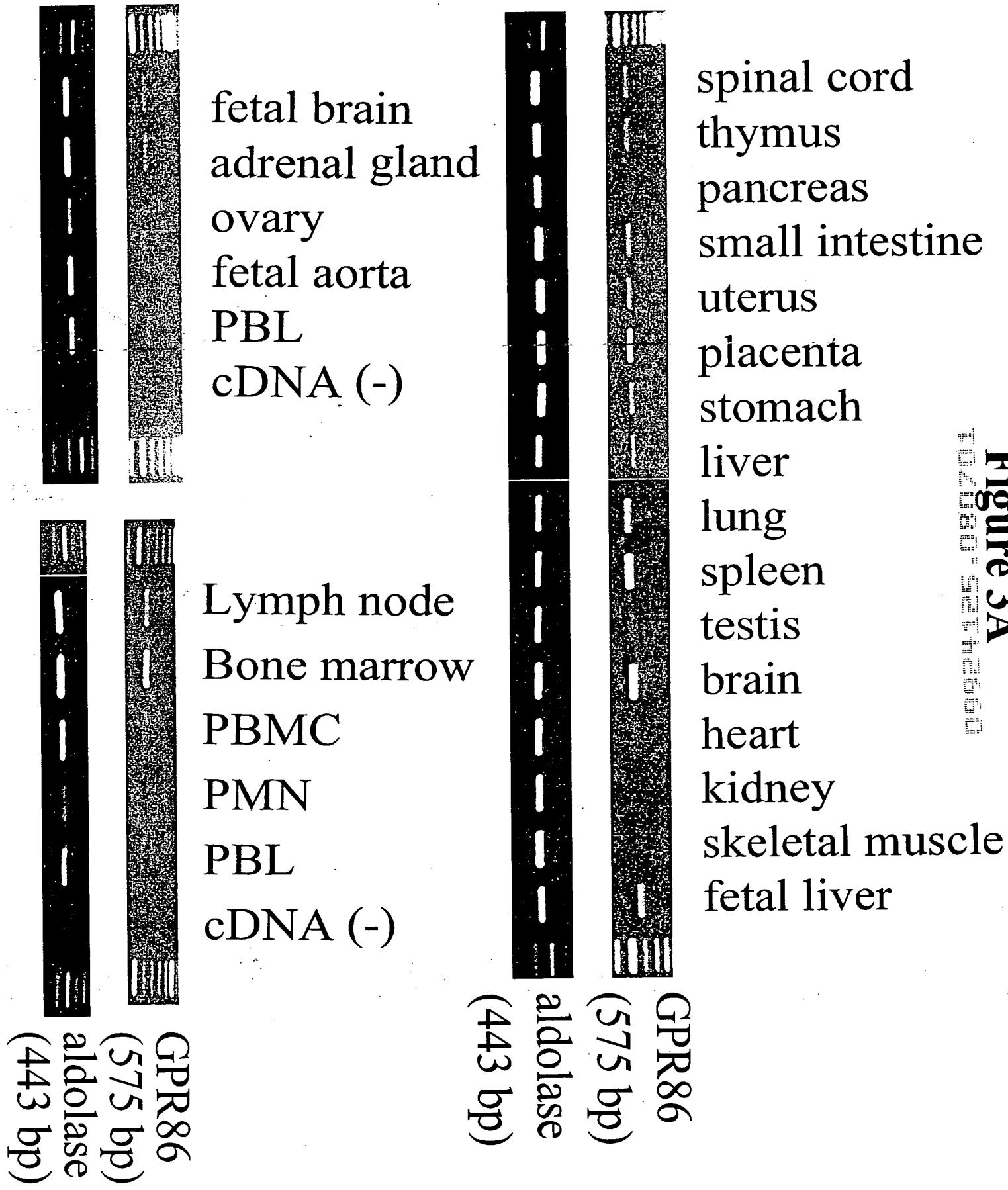


Figure 3B

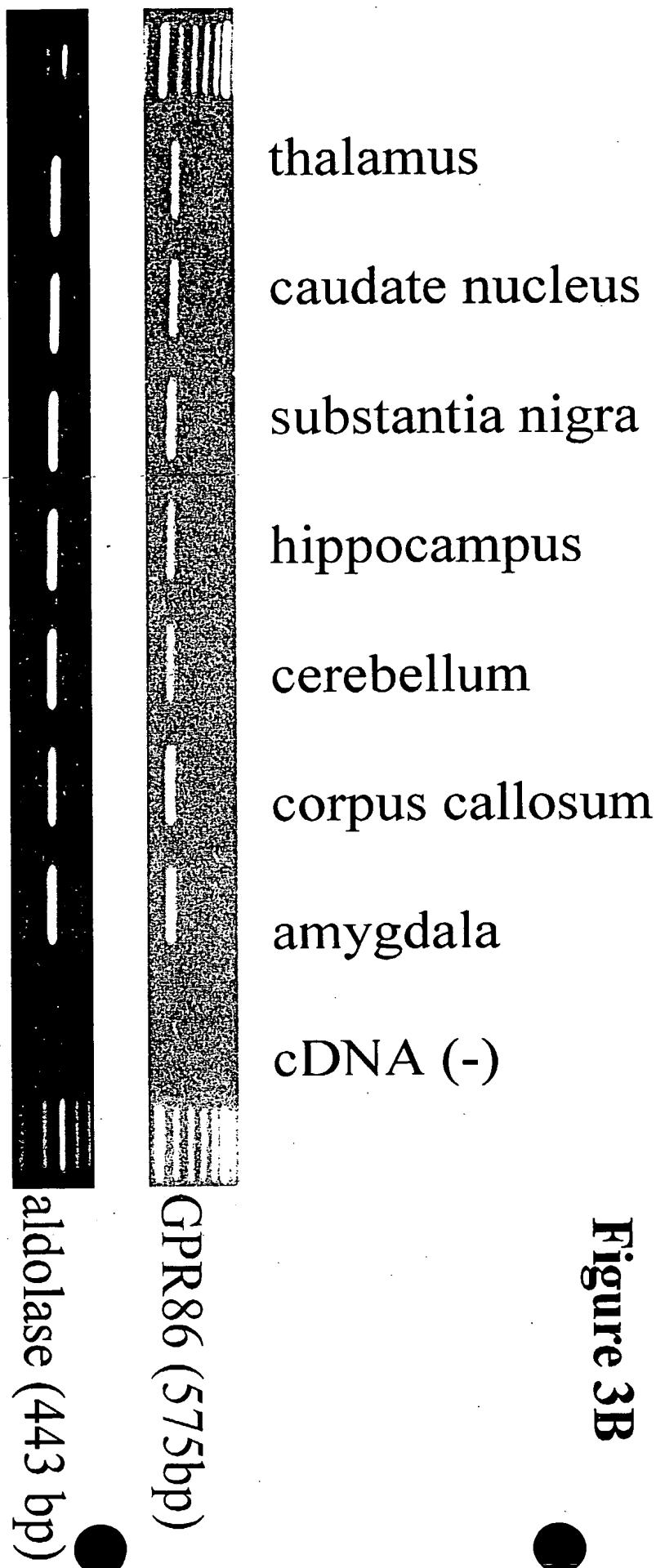


Figure 4A

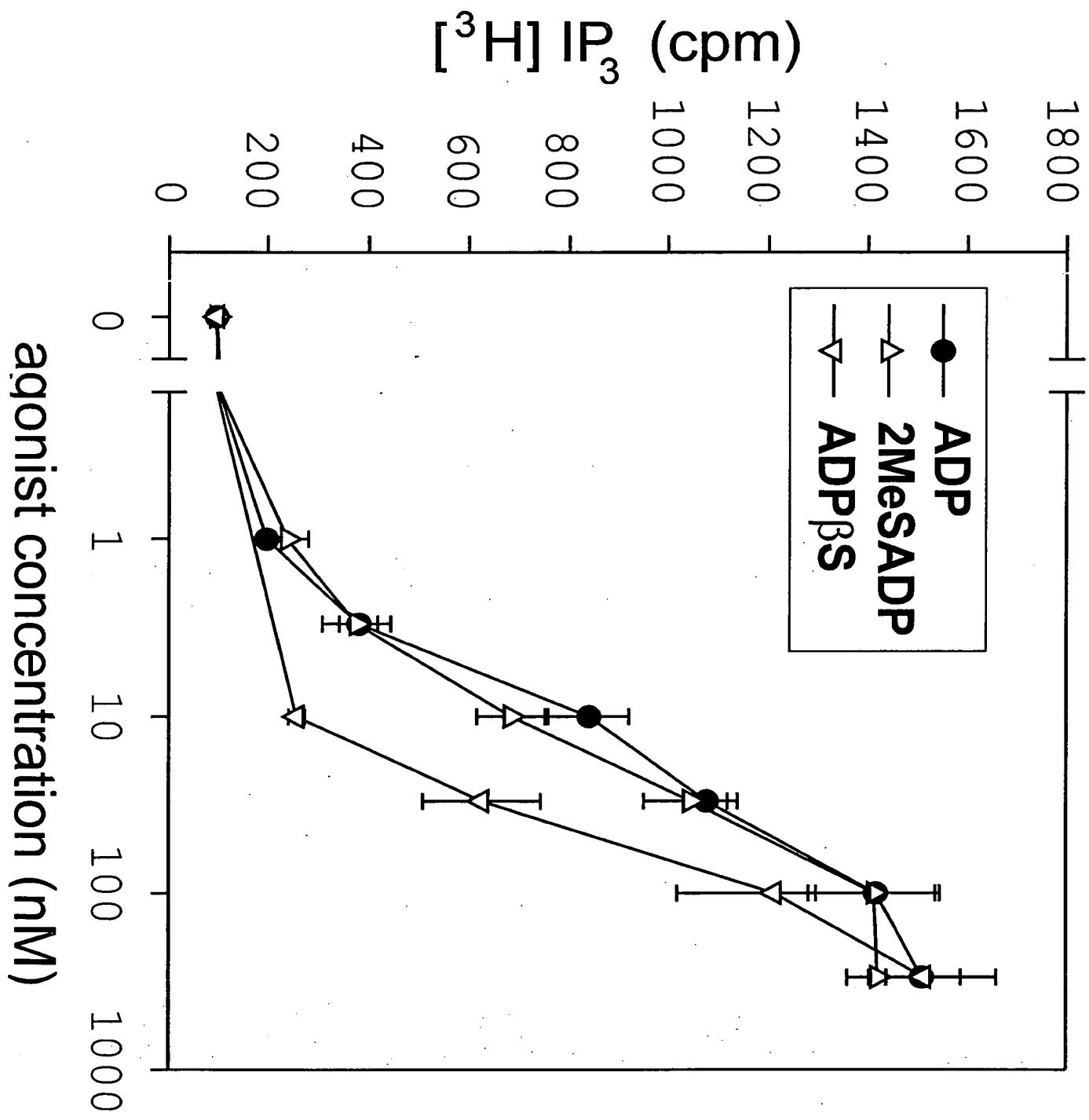


Figure 4B
Top: $[^{3}\text{H}] \text{IP}_3$ (cpm) vs agonist concentration (nM)

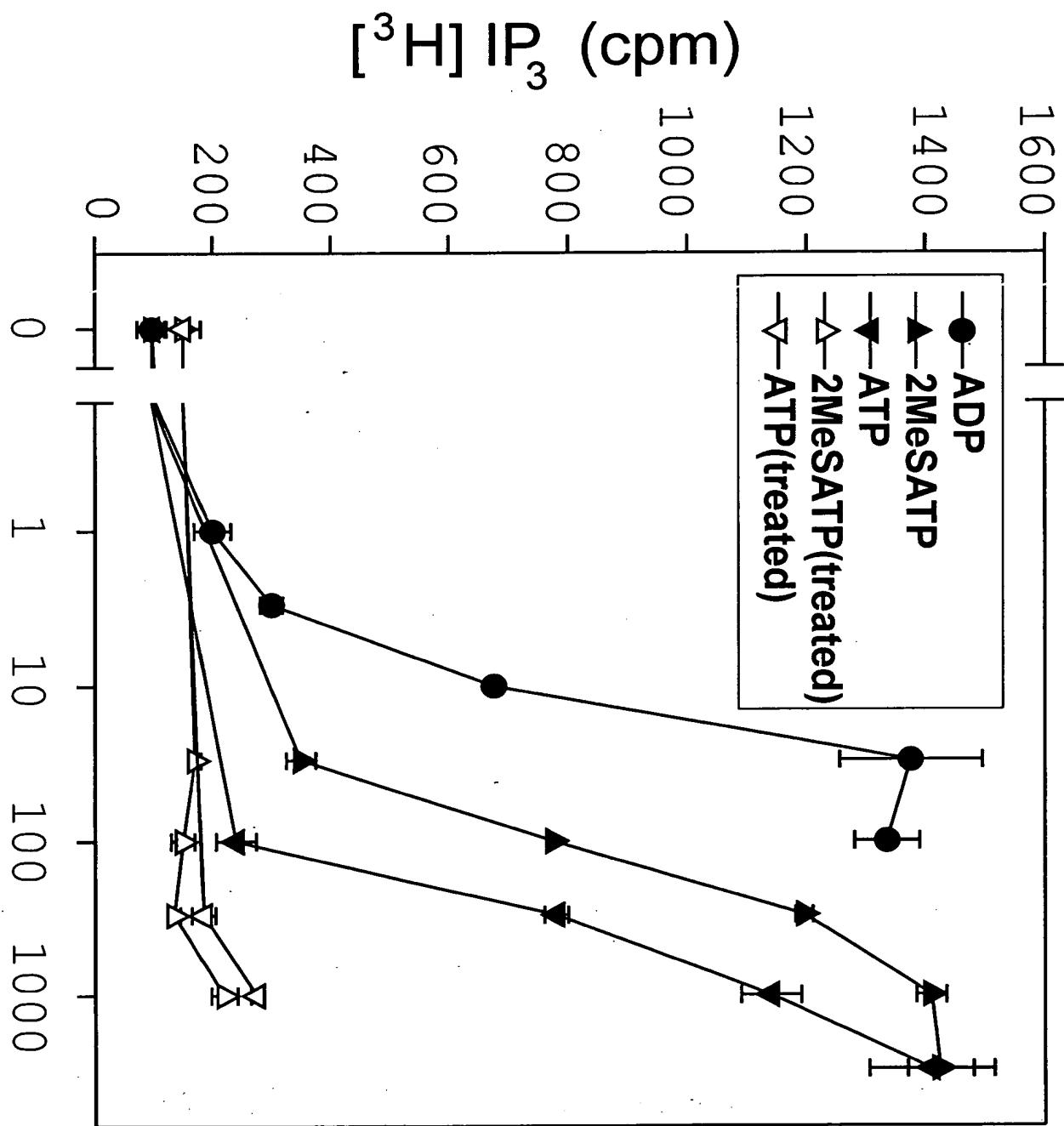


Figure 4C

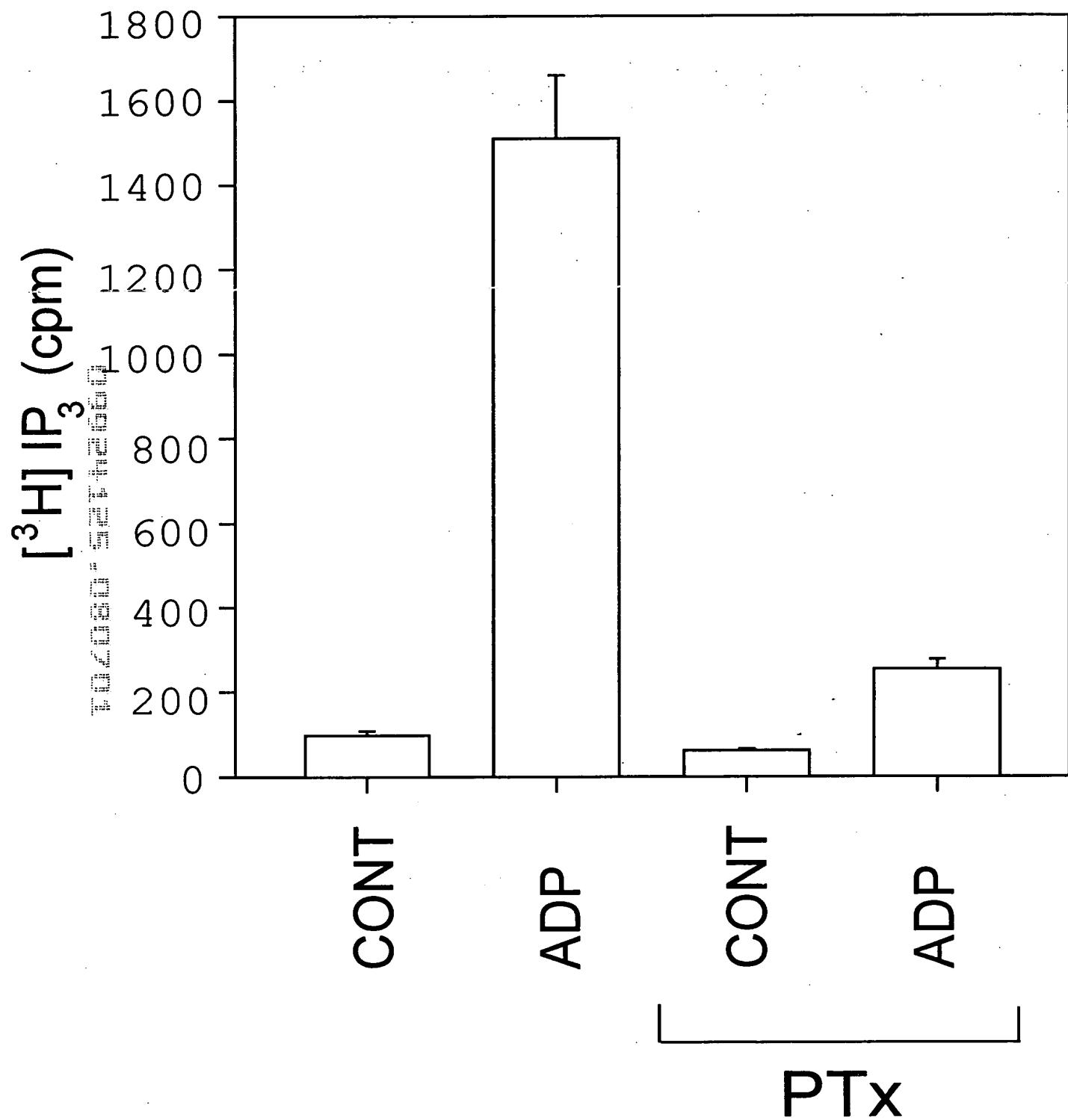


Figure 5A

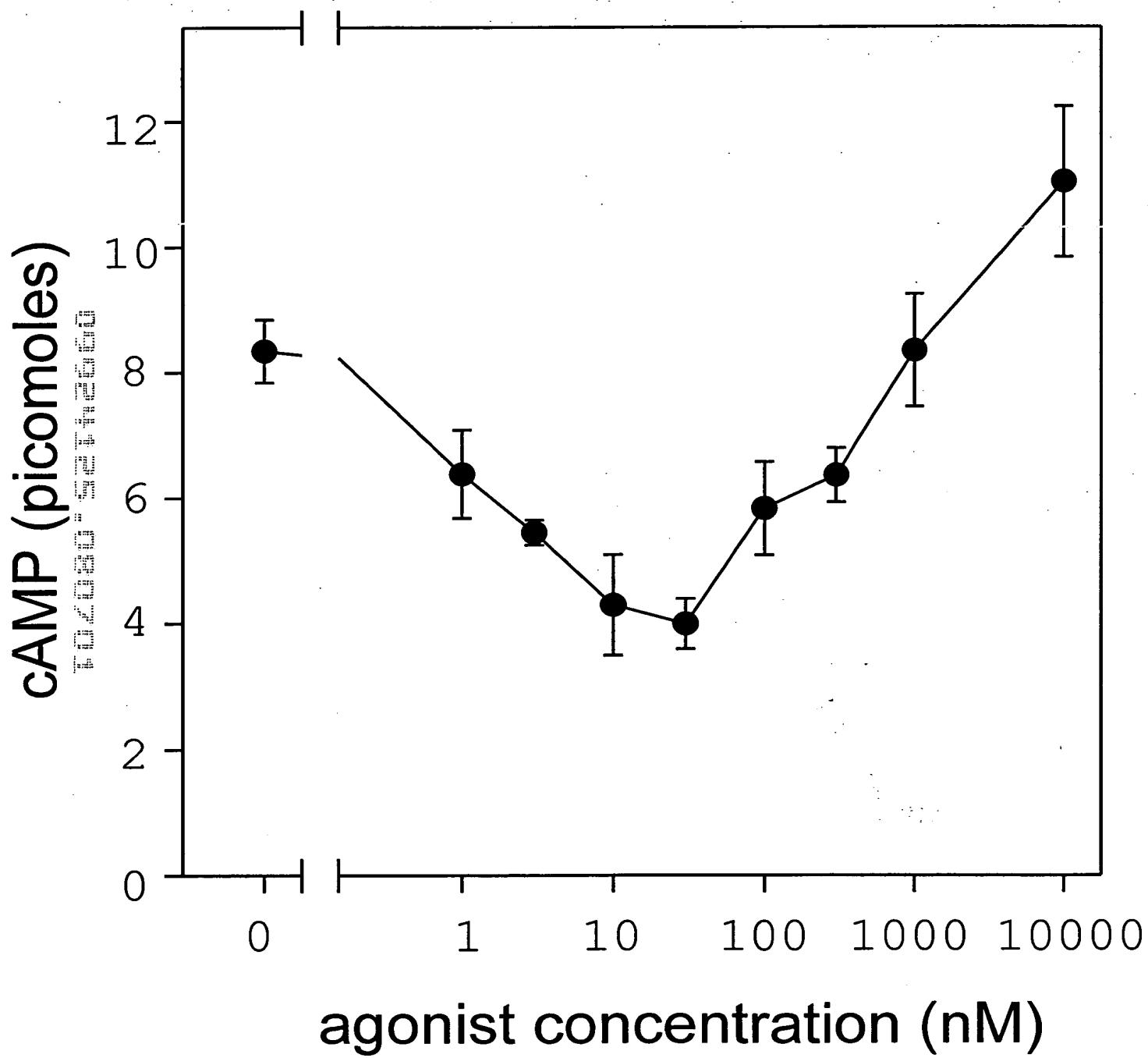
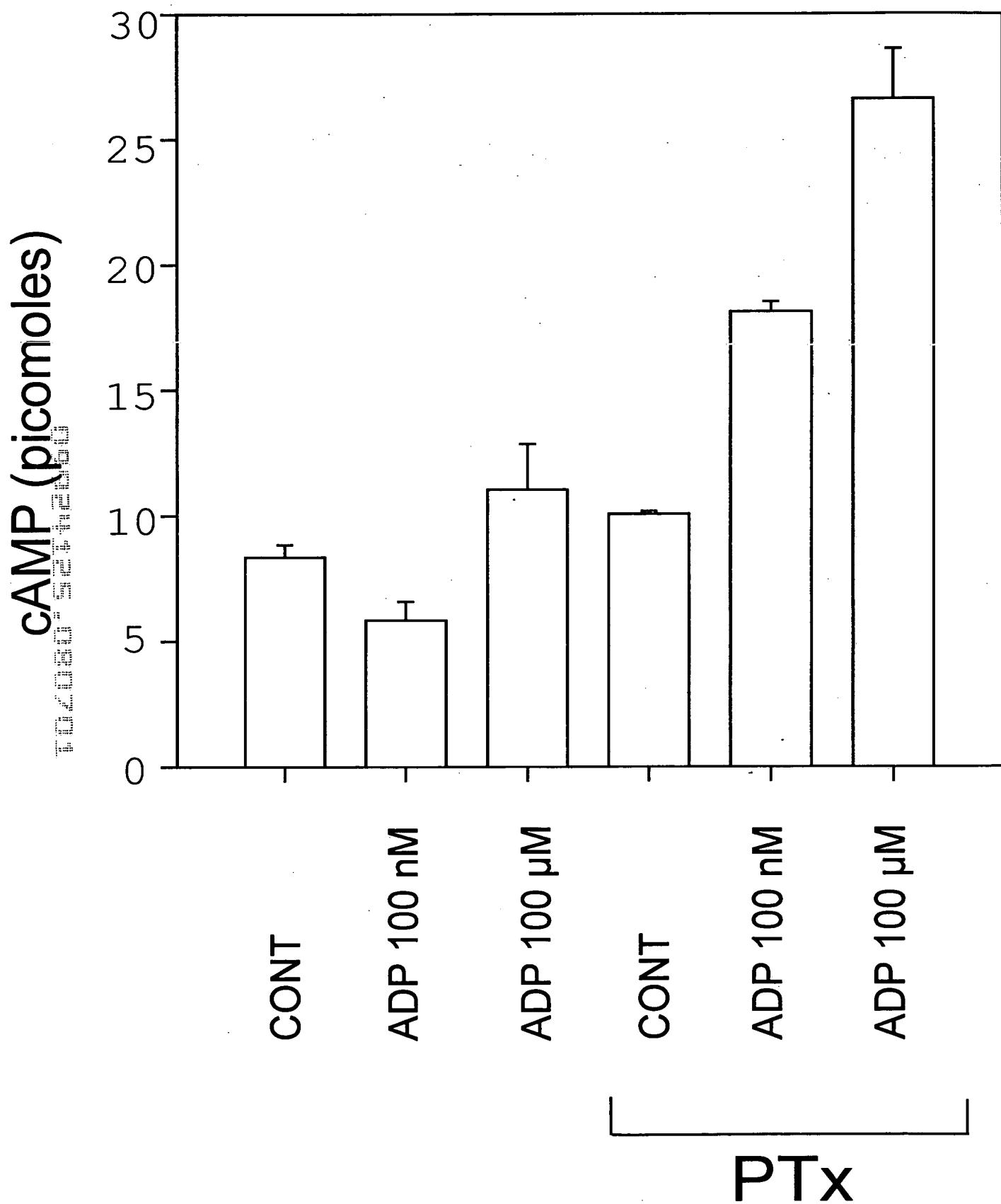
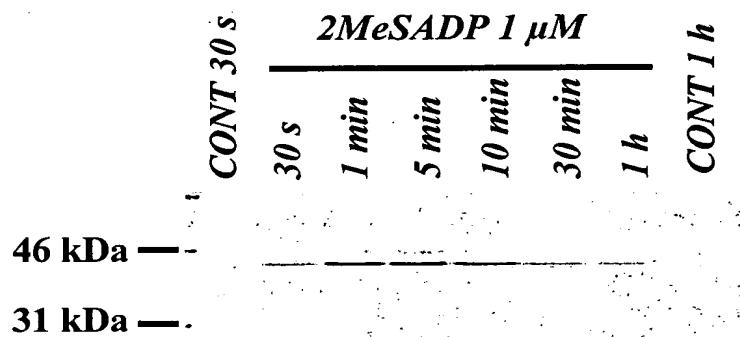
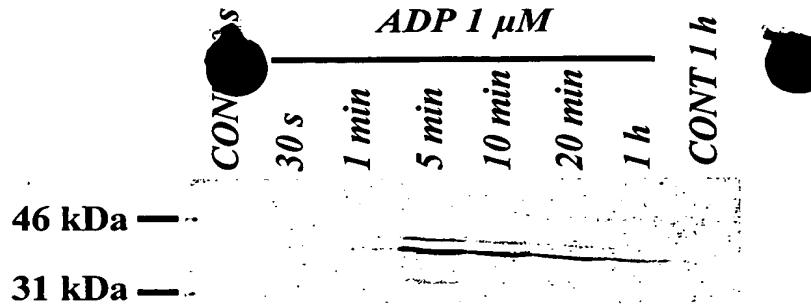
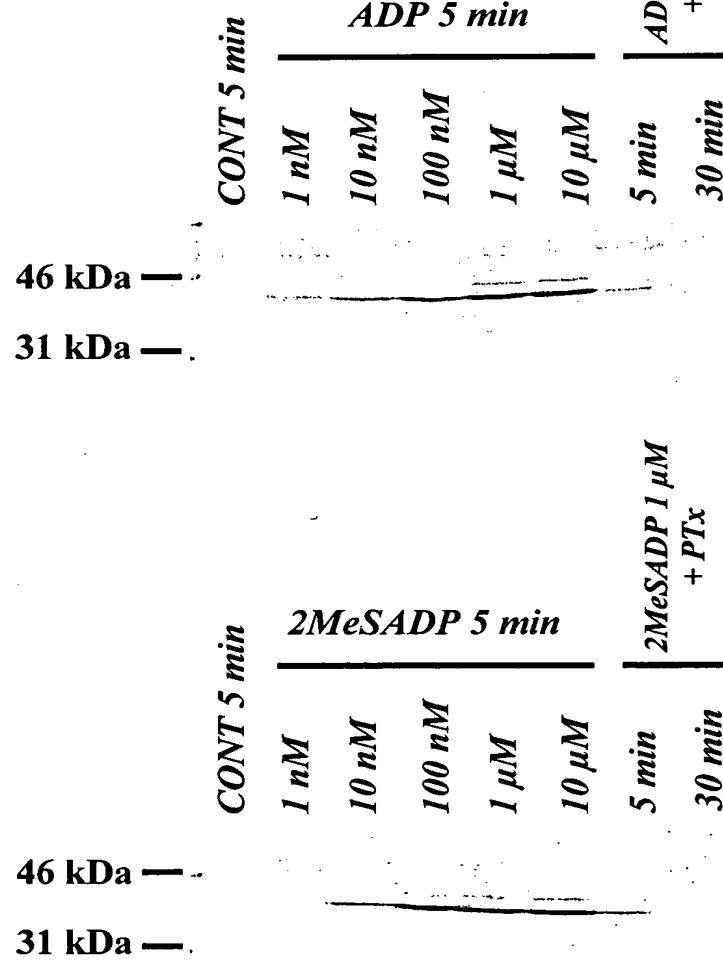


Figure 5B



A**B****Figure 6**

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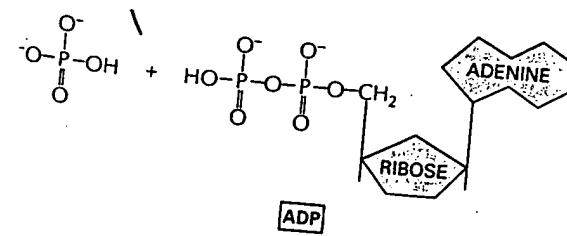


FIGURE 7